

Date: Wed, 17 Nov 93 04:30:45 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #111
To: Ham-Digital

Ham-Digital Digest Wed, 17 Nov 93 Volume 93 : Issue 111

Today's Topics:

BBS specification
 broadcasting
FBB PACKET BBS Release
 Globe Data
 Help on KISS mode
Kantronics Host mode stuff
 Packet antenna?????
Packet BBS spec by ARRL (3 msgs)
 RTTY on the PC
 wb7tpy gateway
 What is RATT ?
Where Can I Get Lan-Link

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 16 Nov 1993 21:39:00 GMT
From: pipex!sunic!kth.se!news.kth.se!pme@uunet.uu.net
Subject: BBS specification
To: ham-digital@ucsd.edu

And where should we sent our coments ?
(So the people in ARRL headquarter read them...)

Date: Mon, 15 Nov 1993 18:00:56 GMT

From: munnari.oz.au!spool.mu.edu!howland.reston.ans.net!sol.ctr.columbia.edu!
usenet.ucs.indiana.edu!indyvax.iupui.edu!indyvax.iupui.edu!jay@network.ucsd.edu
Subject: broadcasting
To: ham-digital@ucsd.edu

In article <arog.753190787@BIX.com> arog@BIX.com (arog on BIX) writes:

>Subject: Re: broadcasting
>From: arog@BIX.com (arog on BIX)
>Date: 13 Nov 93 11:39:47 GMT

>todd@goat.geo.arizona.edu (todd) writes:

>>what sort of equipment do i need in order to broadcast on an AM or FM
>>frequency.-sorry if this is the wrong BBS.
>>todd

I don't believe you need a commercial license to broadcast on FM if you follow the FCC rules. The FCC rules say you can transmit on FM but your output has to be less than x mVolts a x meters.

JDR electronics carries an FM stereo transmitter kit that is legal if you don't modify it by adding things such as a power amplifier and a large antenna.

If anyone is interested, I can lookup an summarize the requirements.

Jay

Date: 16 Nov 93 22:12:06 GMT
From: olivea!isc-br!tau-ceti!comtch!chuckv@decwrl.dec.com
Subject: FBB PACKET BBS Release
To: ham-digital@ucsd.edu

I have heard that the new release of FBB is due out sometime in December.
Does anyone know of a good FTP site where this latest release might reside.

chuckv@comtch.iea.com
or
Packet WB7NNF@WB7NNF.#SPOK.WA.USA.NA

Date: Tue, 16 Nov 1993 16:49:29 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!
spool.mu.edu!olivea!sgigate.sgi.com!sgiblab!news.kpc.com!kpc!nat@ames.arpa
Subject: Globe Data

To: ham-digital@ucsd.edu

Hi,

I am looking for globe data in electronic form (country boundaries continents etc.) I just put up a beam and I would like to create a Equidistant Azimuth Projection map for my QTH.

Thanks in advance.

Nat.

--

Natarajan Gurumoorthy AB6SJ Kubota Pacific Computer, Inc.
nat@kpc.com 2630 Walsh Avenue
Phone 408 987 3341 Santa Clara, California 95051.

Date: Sun, 14 Nov 1993 05:46:41 GMT

From: library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!acs.ucalgary.ca!

cpssc.ucalgary.ca!ajfcal!lhaven.UUmh.Ab.Ca!dreamer@network.ucsd.edu

Subject: Help on KISS mode

To: ham-digital@ucsd.edu

In article <1993Nov2.190325.1@eds.ericsson.se>, ecudhm@eds.ericsson.se writes:

> Help!

>

> When I send a KISS packet to my TNC (MFJ 1270B), the TNC waits a random
> amount of time (0 to 6 seconds) before it keys the radio and transmits.

>

> Surely I haven't set some parameter in the TNC. What is it? I want the
> TNC to transmit right away, and I'll handle the timing myself (in software).

>

> Any help would be appreciated. I am also looking for the command set for
> KISS mode, i.e. when the first byte after the first END character is NOT 00.

>

> Thanks, in advance.

>

> Don McGee KF6CJ

> ecudhm@erigate.ericsson.se

This is proper behaviour....

Its call slottime and persistence.

Slottime is the amount of clear (no activity) time the TNC waits, persistence is the chance that after the expiry of this slottime that it'll transmit.

Assuming NOS of some familiar type....you can probably set the values before going into KISS mode....

param <int> 2 <val> - changes the persistence.

val is from 0 to 255. The higher the number the more likely that the randomly generated number will be less than or equal to the persistence value, so it'll transmit.

param <int> 3 <val> - sets the slottime in 10's of milliseconds.

Other values of interest:

param <int> 1 <val> - sets the TXDelay in 10's of milliseconds.

param <int> 4 <val> - sets the TXTail in 10's of milliseconds.

param <int> 5 0/1 - half/full duplex switch

param <int> 255 - exit KISS mode.

<int> is the name of the KISS interface.

--

"Just a Crazy Engineer with an Amiga and an HP48sx" - The Dreamer
Email: dreamer@lhaven.uumh.ab.ca or "Lawrence Chen" @ 1:134/3002
PHONE: +1 403 526 6019 FAX: +1 403 529 5102 CIS: 74200,2431
Lunatic Haven BBS: +1 403 526 6957 | Packet: @VE6FRM.#HAT.AB.CAN.NA
Praxis Society K12 BBS: +1 403 529 1610 | Callsign: VE6LKC

Date: 15 Nov 93 09:38:03 MDT
From: darwin.sura.net!math.ohio-state.edu!caen!hellgate.utah.edu!cc.usu.edu!
symantec.com!RABALAIS@seismo.css.gov
Subject: Kantronics Host mode stuff
To: ham-digital@ucsd.edu

Does anyone out there know where I can find specs/source on using the Kantronics Host Mode? I have a KPC-2 that I'm about to switch to KPC-3, and I want to write a PBBS using Host Mode.

The Kantronics docs have about 1 1/2 pages on Host mode, which doesn't say that much! ANY help is appreciated.

73,
Gerard Rabalais N0PRQ
rabalais@symantec.com

Date: Mon, 15 Nov 1993 14:19:00 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
paladin.american.edu!gatech!cc.gatech.edu!harold@network.ucsd.edu
Subject: Packet antenna?????
To: ham-digital@ucsd.edu

In article <CGFn2q.9DH@freenet.carleton.ca>,
Lloyd Carr <aa963@Freenet.carleton.ca> wrote:
>In a previous article, fsrla@aurora.alaska.edu () says:
>
>>What would a good 2m packet antenna

>Anything will work. I use a Ringo Ranger vertical. If you're
>quite a distance away from your main feed, you could use
>a yagi.

While anything may work, directional antennas should not be
your first choice, because they increase the hidden node
problem. Use an omni antenna, unless there is no way to
use repeaters to get to your destination.

good luck.
harold

FORBES, HAROLD C. N5JCM
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{allegria,amd,hplabs,seismo,ut-ngp}!gatech!cc!harold
ARPA: harold@cc.gatech.edu PACKET: N5JCM @ W4Q0

Date: 16 Nov 1993 18:50:11 GMT
From: news.mentorg.com!hpcan240.mentorg.com!wv.mentorg.com!hanko@uunet.uu.net
Subject: Packet BBS spec by ARRL
To: ham-digital@ucsd.edu

In article <1993Nov16.114922.845@hhcs.gov.au>, Carl Makin <makinc@hhcs.gov.au>
writes:
|> In article <2c8le7\$2nr@wvhpadm1.mentorg.com> Hank Oredson, hanko@wv.mentorg.com
writes:
|> > In article <2buojv\$kr9@juniper.almaden.ibm.com>, enge@enge.almaden.ibm.com
writes:
|>
|> >|> I received a copy of a "Final Draft" specification on packet BBS
|>
|> > I too got a copy in the mail, and would like to make comments
|> > to the (as of yet) unknown author.

|>
|> Is there any chance of seeing it in an electronic form for those of
|> us NOT in the US.
|>
|>
|> Carl.
|> --
|> Carl Makin (VK1KCM) "Speaking for myself only!"
|> makinc@hhcs.gov.au (Internet) / vk1kcm@vk1kcm.act.aus.oc (Packet Radio)
|> 'The best book on programming for the layman is "Alice in Wonderland";
|> but that's because it's the best book on anything for the layman.'

As far as I know, the "ARRL paper" version does not exist in electronic form. The current working draft that all us BBS code authors are using, does, and I will post what I have so that all can see what it is like.

This will be my own version of the working draft.
It will contain mainly things agreed by all authors, but will have additional information "still in process" ...

... Hank

--

Hank Oredson @ Mentor Graphics
Internet : hank_oredson@mentorg.com
Amateur Radio: WORLI@WORLI.OR.USA.NA

Date: 15 Nov 1993 19:31:19 GMT
From: news.mentorg.com!hpcan240.mentorg.com!wv.mentorg.com!hanko@uunet.uu.net
Subject: Packet BBS spec by ARRL
To: ham-digital@ucsd.edu

In article <2buojv\$kr9@juniper.almaden.ibm.com>, enge@enge.almaden.ibm.com writes:
|> I received a copy of a "Final Draft" specification on packet BBS
|> forwarding from the ARRL. Anyone know who the author is or how to
|> submit comments?
|>
|> Roy Engehausen, AA4RE
|> enge@almaden.ibm.com

I too got a copy in the mail, and would like to make comments to the (as of yet) unknown author.

... Hank

--

Hank Oredson @ Mentor Graphics
Internet : hank_oredson@mentorg.com
Amateur Radio: WORLI@WORLI.OR.USA.NA

Date: 16 Nov 93 11:49:22 +1000
From: munnari.oz.au!newshost.anu.edu.au!sserve!hhcs.gov.au!hhcs.gov.au!
news@network.ucsd.edu
Subject: Packet BBS spec by ARRL
To: ham-digital@ucsd.edu

In article <2c8le7\$2nr@wvhpadm1.mentorg.com> Hank Oredson, hanko@wv.mentorg.com
writes:

> In article <2buojv\$kr9@juniper.almaden.ibm.com>, enge@enge.almaden.ibm.com
writes:

>|> I received a copy of a "Final Draft" specification on packet BBS

> I too got a copy in the mail, and would like to make comments
> to the (as of yet) unknown author.

Is there any chance of seeing it in an electronic form for those of
us NOT in the US.

Carl.

--

Carl Makin (VK1KCM) "Speaking for myself only!"
makinc@hhcs.gov.au (Internet) / vk1kcm@vk1kcm.act.aus.oc (Packet Radio)
'The best book on programming for the layman is "Alice in Wonderland";
but that's because it's the best book on anything for the layman.'

Date: 15 Nov 93 22:29:30 GMT
From: ogicse!uwm.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: RTTY on the PC
To: ham-digital@ucsd.edu

Does anyone know of any good Shareware, Public Domain or really dirt-cheap
software to enable me to recieve RTTY on my PC compatible?

I have an Amstrad 2386 computer running DOS 6 and Windows 3.1

Any help/advice on converting the audio output from my shortwave reciever to the serial input of my PC would also be most welcome.

I specify Dirt-Cheap because "money is tight to mention" at the moment and I'm limited to around \$20 !

I am not able to read this newsgroup because I'm posting via a gateway and therefore would vastly prefer email responses. Our technical bofins tell me that the following address should work:

>INTERNET:JASON_PHILLIPS@NOTES.PW.COM

Thank's in advance,
Jason

Date: Tue, 16 Nov 1993 16:50:43 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!asuvax!ennews!mcdphx!schbbs!
mothost!lmpsbbs!news@ames.arpa
Subject: wb7tpy gateway
To: ham-digital@ucsd.edu

In article 753383276@neptune, cowart@convex.com (Michael Cowart) writes:
{
}Last Friday, after seeing the article aboout the wb7tpy gateway, I successfully
sent a
}message to myself via a local switch.
}
}however, today I tried to send one to another ham, and the local mailer deamon
}can't find "gate@wb7tpy.az.usa.na"
}
}Is this the right address? I can't find the original post.
}
}please help!
}
}Mike
}WA5CMI
}

The internet address you are looking for is:

gate@wb7tpy.ampr.org

The address:

gate@wb7tpy.az.usa.na is only for the packet side.

Bruce, WB4YUC

Date: Tue, 16 Nov 1993 16:04:17 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!gatech!news-feed-1.peachnet.edu!
emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: What is RATT ?
To: ham-digital@ucsd.edu

In article <gganderson.122.0@augustana.edu> gganderson@augustana.edu (Kevin
Anderson -7325) writes:

>
>Is RATT another way to talk about RTTY (and derivative) modes?
>Does it stand for "radio amateur teletype" by any chance (which
>I assume would reference 170hz separations to be different
>from the commercial separations)?

Yes, RATT, RADio TeleType, is the military acronym for what we
hams call RTTY.

Gary

--
Gary Coffman KE4ZV | Life's a journey, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | not a destination. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Live it. | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 16 Nov 1993 17:51:03 GMT
From: concert!samba.oit.unc.edu!not-for-mail@decwrl.dec.com
Subject: Where Can I Get Lan-Link
To: ham-digital@ucsd.edu

Lan-Link can be obtained from G3ZCZ's BBS in MD.
(301)593-9067 2400 8N1
He has all the latest versions and other software that he has written.

73...Dale, NH6CI

////
(. .)
-----o00-(_)00o-----
Dale E. Hazelwood	0 THERE IS VERY LITTLE 0
Springfield, VA	0 DIFFERENCE BETWEEN 0
(703) 764-0258	0 STEPPING STONES AND 0

| daleh@baileys-emh1.army.mil | 0 STUMBLING BLOCKS 0|
-----00---00-----

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Technology, or the Experimental Bulletin Board Service.
internet: laUNCHpad.unc.edu or 152.2.22.80

End of Ham-Digital Digest V93 #111

